MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH, 1935

J. A. BROWN, DIRECTOR

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MARCH 1935

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	65.9	63.0	62.2	63.7	19.1	12.0	16.5	18.7	15.9	17.0
2	0.8	59.3	59.0	59.7	17.3	12.2	15.5	16.7	15.5	15.9
3	56.6	5.2	5.4	5.8	23.7	16.8	20.4	20.9	18.9	20.1
4	7.8	9.0	62.7	9.8	17.2	13.7	13.8	16.7	14.9	15.1
5	64.2	64.0	4.9	64.4	18.7	12.4	15.9	17.1	14.8	15.9
6	64.6	64.6	65.4	64.9	17.8	12.1	14.5	16.7	13.9	15.0
7	6.1	5.2	5.7	5.7	17.6	11.8	15.4	17.2	15.4	16.0
8	5.4	4.2	4.6	4.7	20.3	10.8	14.2	17.2	16.5	16.0
9	4.0	3.0	2.9	3.3	21.9	13.3	17.2	20.7	17.9	18.6
10	2.9	2.4	2.4	2.6	21.3	13.4	19.2	20.9	17.0	19.0
11	62.9	62.0	63.1	62.7	19.8	14.1	15.8	18.2	17.1	17.0
12	3.3	2.8	2.8	3.0	19.7	12.9	15.8	18.0	15.4	16.4
13	2.9	1.1	0.4	1.5	19.8	13.5	18.1	19.0	17.1	18.1
14	59.1	55.3	53.7	56.1	26.0	14.3	18.1	20.0	19.3	19.1
15	4.0	3.2	3.4	3.5	18 9	15.9	17.4	15.5	12.8	15.2
16	56.2	57.2	59.0	57.5	22.3	11.4	12.7	12.9	11.5	12.4
17	61.0	9.9	61.1	60.7	18.7	10.9	12.1	17.7	15.7	15.2
18	59.9	8.1	55.4	57.8	20.1	12.1	16.0	18.9	17.9	17.6
19	3.1	3.8	5.0	4.0	23.7	14.9	21.8	21.1	17.8	20.2
20	6.7	7.0	9.7	7.8	18.4	14.2	15.7	15.4	15.3	15.5
21	61.3	62.0	62.0	61.8	19.7	12.8	16.9	18.4	15.6	17.0
22	4.3	3.4	3.6	3.8	19.5	10.9	17.6	18.9	15.6	17.4
23	4.2	2.5	2.7	3.1	20.7	13.5	17.6	20.5	16.5	18.2
24	4.0	2.4	3.5	3.3	20.7	12.7	18.3	20.6	16.8	18.6
25	3.1	2.7	2.4	2.7	21.1	12.7	16.7	19.7	16.2	17.5
26	62.2	61.5	61.6	61.8	21.0	14.1	18.3	19.5	16.2	18.0
27	2.2	1.9	2.1	2.1	21.6	14.5	17.6	20.9	17.6	18.7
28	1.4	59.7	59.6	0.2	21.3	13.5	17.2	17.5	16.1	16.9
29	55.7	3.0	1.9	53.5	20.2	15.4	19.8	17.6	17.1	18.2
30	46.6	47.3	2.7	48.9	23.2	16.9	18.4	16.7	15.1	16.7
31	58.0	58.7	59.3	58.7	20.1	13.7	17.2	17.9	15.1	16.7
	760.66	759.85	760.33	760.29	20.37	13.34	16.83	18.31	16.08	17.07

Barometer, range for month 746.6 mm. –766.1 mm.

,, 50-yr. average for month 761.163 mm.

Thermometer, Range for month 10.8°–26.0° C.

,, 50-yr. average for month 16.19 C.

Rain, total for month 81.90 mm.

,, , 50-yr. average for month 98.30 mm.

,, , total, Sept. 1st to end of month 854.57 mm.

50-yr. average, Sept. 1st to end of month 826.02 mm.

MARCH 1935
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	12.9	14.9	13.7	9.0	10.3	10.3	9.9	64	65	77	69	9.8	
2	13.4	14.3	14.1	10.2	10.7	11.0	10.6	78	76	85	80	1.0	
3	17.6	18.1	15.6	13.0	13.5	11.1	12.5	73	73	69	72	1.2	
4	12.8	14.4	13.3	10.4	10.8	10.4	10.5	89	77	82	83	0.3	10.03
5	13.4	13.7	12.3	9.9	9.7	9.2	9.6	74	67	74	72	0.0	
6	12.7	12.7	11.7	9.9	8.8	8.9	9.2	80	62	75	72	1.7	1.78
7	11.2	12.8	11.6	7.7	8.7	8.1	8.2	60	60	63	61	2.3	
8	11.1	14.2	13.4	8.2	10.2	9.7	9.4	68	70	69	69	10.1	
9	12.8	15.1	14.1	8.6	9.6	9.8	9.3	59	52	64	58	5.3	
10	15.4	17.4	14.4	10.7	12.5	10.6	11.3	65	68	74	69	7.5	
11	14.4	15.5	14.6	11.3	11.4	10.8	11.2	85	74	74	78	0.3	
12	13.6	13.9	13.1	10.3	9.5	9.9	9.9	76	61	76	71	6.5	
13	14.6	14.7	13.4	10.3	9.9	9.4	9.9	67	61	65	64	10.3	
14	15.5	17.1	15.9	11.5	12.5	11.3	11.8	75	72	68	72	9.8	
15	14.0	12.7	11.1	9.9	9.3	8.9	9.4	66	71	81	73	1.0	5.59
16	12.3	12.6	11.2	10.3	10.6	9.7	10.2	94	96	95	95	0.0	39.11
17	10.0	15.4	13.1	8.0	11.6	9.7	9.4	76	76	73	75	3.1	9.01
18	12.9	15.1	14.7	9.4	10.4	10.5	10.1	70	64	68	67	8.3	
19	15.9	16.9	15.1	10.1	11.7	11.0	10.9	52	63	73	63	4.8	
20	14.1	14.1	13.4	10.9	11.1	10.3	10.8	82	86	80	83	0.0	6.22
21	14.9	13.4	12.9	11.3	8.8	8.5	9.9	79	55	72	69	7.1	1.78
22	12.6	14.2	12.1	8.2	9.3	8.6	8.7	55	58	65	59	10.3	
23	14.6	17.6	14.4	10.6	12.9	10.9	11.5	71	71	78	73	10.5	
24	15.9	18.1	14.5	11.9	13.6	10.8	12.1	77	76	77	77	9.3	
25	13.9	15.6	14.1	10.1	10.6	10.6	10.4	72	62	78	71	6.3	
26	15.2	17.0	14.7	10.8	13.1	11.4	11.8	70	80	83	78	7.1	
27	16.2	18.1	15.6	12.7	13.5	11.8	12.7	85	74	79	79	8.5	
28	15.5	15.5	14.5	12.0	11.8	11.2	11.7	82	79	83	81	1.8	
29	16.9	16.0	14.4	12.4	12.5	10.6	11.8	71	84	73	76	1.2	
30	15.6	14.9	14.6	11.3	11.5	12.0	11.6	72	81	94	83	0.9	4.95
31	15.4	14.8	14.3	11.8	10.6	11.7	11.4	81	69	92	81	3.8	3.43
				10.41	11.00	10.31	10.57	73.2	70.4	76.1	73.3	4.85	2.64

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

MARCH 1935

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	0	0	1cu	0.3	1w	1w	1w	185.3	slight	
2	10stcu	5stcu	7stcu	7.3	3sw	2sw	3sw	315.9	mod.	
3	5cu	7cu	10cu	7.3	4sw	5sw	4sw	494.1	stormy	
4	10ni	7stcu	8stcu	8.3	4sw	4w	3w	566.5	„	
5	10cu	9cu	6cu	8.3	2w	3w	2w	349.3	„	
6	10ni	5stcu	4cu	6.3	3w	2w	2w	325.1	mod.	
7	2cu	9stci	10stcu	7.0	0	1nw	1nw	165.7	„	
8	0	0	1cu	0.3	1n	3n	2n	168.9	„	
9	0	2cu	8stcu	3.3	2w	1w	0	152.9	light	thin mist in a.m.
10	1st	4st	6stcu	3.7	0	0	0	93.3	light	„ „ „ „
11	10cu	10cu	3stcu	7.7	0	3n	0	115.9	mod.	dew in a.m.
12	1st	8stci	3stcu	4.0	1n	3n	2n	244.6	„	
13	0	0	0	0.0	3ne	3ne	0	297.7	„	
14	0	0	7stcu	2.3	2n	2n	0	120.7	„	traces of rain p.m
15	10st	10cu	10ni	10.0	5s	5sw	5sw	532.7	stormy	th.'st. in the even'g
16	10ni	10ni	10ni	10.0	4sw	3sw	3sw	403.9	stormy	
17	5cu	5cu	5cu	5.0	2sw	2sw	1sw	326.7	mod.	
18	1st	1st	10stcu	4.0	1nw	1nw	1sw	226.9	„	
19	0	10stcu	10stcu	6.7	1w	3sw	3sw	310.6	„	
20	10ni	10ni	7cu	9.0	2w	3w	2w	323.5	„	
21	2stcu	2stcu	1stcu	1.7	1nw	1nw	1nw	185.0	mod.	
22	0	0	0	0.0	0	1n	2n	149.0	slight	
23	0	0	0	0.0	1n	1n	0	122.3	„	
24	1cu	1cu	1cu	1.0	1nw	1nw	0	111.0	„	
25	0	8ci	1cu	3.0	2w	2n	1n	244.6	„	dew in a.m.
26	1cu	1st	8cu	3.3	3ne	3ne	2se	423.2	mod.	
27	2cu	1cu	2cu	1.7	1nw	1nw	1nw	228.5	slight	
28	10stcu	10cu	6stcu	8.7	1nw	1nw	1nw	154.5	slight	
29	7st	10stcu	10stcu	9.0	1nw	3nw	3nw	265.7	mod.	
30	5stcu	10cu	10ni	8.3	4s	5sw	6sw	663.0	stormy	
31	7stcu	7stcu	3stcu	5.7	2sw	1sw	1sw	326.7	mod.	
				4.94	1.9	2.3	1.7	277.21		

7 9 6

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	4	2	0	0	2	6	7	6	4	31
14:30	7	2	0	0	0	8	6	7	1	31
20:30	4	0	0	1	0	9	5	5	7	31
Totals	15	4	0	1	2	23	18	18	12	

Number of days with rain 9, fog 0, thunderstorms 1, gales 0.

50-yr. average number of days with rain during month 10.9